

ABSTRACT

Method for reserving bandwidth in an Ethernet type network

The method for reserving, on at least one node of an Ethernet bus type communication network, a predetermined fraction of the bandwidth of the Ethernet bus, is characterized in that it consists in:

- having a token circulate between the nodes of the network so as to enable the nodes of the network to send in turn an Ethernet packet over the bus according to a predefined sequence defining a chronological order of passage of the token between the nodes; and
- in which the predetermined fraction of the bandwidth reserved for a node of the network corresponds in the sequence to a certain number of occurrences of passage of the token via the node concerned.

Applicable to Ethernet bus type domestic communication networks.

Figure 1